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[Order This Patent](#)[Family Member\(s\)](#)JP5099829A ☐ 19930423 [FullText](#)**Title:** (ENG) QUANTITATIVE MEASUREMENT METHOD OF SUBSTANCE**Abstract:** (ENG)

**PURPOSE:** To enable a plurality of substances to be determined by utilizing a negative value of a result which is obtained by calculation using the energy differential method and by determining the substances.

**CONSTITUTION:** A waist part of a human body is constituted of three substances of bone 11, muscle 12, and fat 13. A transmission information of X rays is measured by a specific measurement system. For example, the measurement system is constituted of an X-rays source, an X-rays line sensor, and an operation device and a two-dimensional measurement can be made by scanning an X- rays line sensor in synchronization with the X-rays source. Then, after measurement, by analyzing a measurement result of the number of count of each part in each energy, it can be identified that fat 23 exists at a negative region after a differential calculation processing. In this manner, not only the bone 11 which is included in a human body but also fat 23 are detected simultaneously for enabling quantitative measurement to be executed.

**Application Number:** JP 25739691 A**Application (Filing) Date:** 19911004**Priority Data:** JP 25739691 19911004 A X;**Inventor(s):** OOTSUCHI TETSUO ; TSUTSUI HIROSHI**Assignee/Applicant/Grantee:** MATSUSHITA ELECTRIC IND CO LTD**Original IPC (1-7):** G01N00924**Other Abstracts for Family Members:** DERABS G93-215337**Legal Status:** There is no Legal Status information available for this patent

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